

CLAIMS

What is claimed is:

5 1. An apparatus for holding a SIM (subscriber identification module) card for an electronic device, comprising:
a SIM card;
a PCB (printed circuit board);
a SIM connector mounted on the PCB, the SIM connector configured to
10 electrically connect the SIM card to the PCB when the SIM card is engaged with the SIM connector; and
a SIM card door for releasably holding the SIM card, the SIM card door configured to move the SIM card into engagement with the SIM connector when in a closed position.

15 2. The apparatus of Claim 1, wherein the SIM card door is configured to releasably hold the SIM card such that the SIM card is properly aligned with the SIM connector when the SIM card door is moved into the closed position.

20 3. The apparatus of Claim 1, wherein the SIM card door is configured to slidably accept the SIM card into a properly aligned position when the SIM card door is in the open position.

25 4. The apparatus of Claim 1, further comprising a housing for containing the electronic device, wherein the SIM card door is releasably engageable with the housing.

5. The apparatus of Claim 4 wherein the SIM card door is rotatably attached to the housing such that the SIM card door swings into the closed position from the open position.

5
6. A SIM card door apparatus for holding a SIM (subscriber identification module) card for an electronic device, comprising:

a PCB (printed circuit board);

a device housing containing the PCB;

10 a SIM card door rotatably attached to the device housing, the SIM card door configured to releasably hold the SIM card; and

a SIM connector mounted on the PCB, the SIM connector configured to electrically connect a SIM card to the PCB when the SIM card door swings the SIM card into engagement with the SIM connector by rotating into a closed
15 position.

20 7. The SIM card door apparatus of Claim 6, wherein the SIM card door is configured to releasably hold the SIM card such that the SIM card is properly aligned with the SIM connector when the SIM card door is moved into the closed position.

25 8. The SIM card door apparatus of Claim 6 wherein the SIM card door is configured to slidably accept the SIM card into a properly aligned position when the SIM card door is in the open position.

9. The SIM card door apparatus of Claim 6, further comprising a housing for containing the electronic device, wherein the SIM card door is releasably engageable with the housing.

5 10. The SIM card door apparatus of Claim 9 wherein the SIM card door includes a latch in order to maintain the closed position.

11. The SIM card door apparatus of Claim 6, further comprising a plurality of holders disposed on the surface of the SIM card door, the holders configured to
10 hold the SIM card in the proper position.

12. The SIM card door apparatus of Claim 11 wherein the holders are configured to hold the SIM card when the SIM card door is in the open position.

15 13. The SIM card door apparatus of Claim 6 wherein the electronic device is a personal information device (PID).

14. The SIM card door apparatus of Claim 6 wherein the electronic device is a cellular telephone.

20 15. The SIM card door apparatus of Claim 6 wherein the electronic device is a pager.

16. The SIM card door apparatus of Claim 6 wherein the SIM card door is
25 rotatably attached to a back case of the device housing.